

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (USE SEVERAL SHEETS IF NECESSARY)	ATTY. DOCKET NO.  482.140	APPLICATION NO.  to be assign d 101723,047
	APPLICANT Joyce et al.	
	FILING DATE November 26, 2003	GROUP unknown

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)	
JWD	4,969,996	11/13/90	Hankammer	210	282		
	4,107,046	8/15/78	Corder	210	282		
	4,147,631	4/3/79	Deines	210	137		
	4,151,092	4/24/79	Grimm	210	256		
	4,172,796	10/30/79	Corder	210	238		
	4,686,037	8/11/87	Lang	210	221.2		
	<del>4,686,037</del>	<del>8/11/87</del>	<del>Lang</del>	<del>210</del>	<del>221.2</del>		
	4,746,616	5/24/88	Honigs	436	20		
	4,770,768	9/13/88	Lang	210	94		
	4,895,648	1/23/90	Hankammer	210	188		
	5,022,986	6/11/91	Lang	210	94		
	5,098,832	3/24/92	Rambach	435	34		
	5,114,570	5/19/92	Nelson	210	94		
	5,194,374	3/16/93	Rambach	435	34		
	5,210,022	5/11/93	Roth	435	34		
	5,229,299	7/20/93	Terry	436	125		
	5,264,346	11/23/93	Chen	435	25		
	5,912,180	6/15/99	Stone	436	77		
	5,993,648	11/10/99	Hunter	210	94		
	5,997,734	12/7/99	Koski	210	87		
	6,074,550	6/13/00	Hofmann	210	87		
	6,290,848	9/18/01	Tanner	210	266		
	6,322,696	11/27/01	McKee	210	232		
	6,342,037	1/29/02	Roe	600	306		
	6,361,962	3/26/02	Lentini	435	29		
	2002/0187558	12/12/02	Bodkin	436	164		
	2003/0092189	5/15/03	Johnson	436	125		

EXAMINER <i>Joseph Orsavage</i>	DATE CONSIDERED <i>2-19-06</i>
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.	

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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)	
<i>OWJ</i>	6,627,448	9/30/03	Lawlor	436	74		

FOREIGN PATENT DOCUMENTS								
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION		
						YES	NO	
<i>OWJ</i>	WO 98/55644	4 June 1998	PCT	C12Q	1/10			
<i>OWJ</i>	WO 00/65096	2 Nov 2000	PCT	C12Q	1/68			
<i>OWJ</i>	WO 01/06000	25 Jan 2001	PCT	C12Q	1/04			

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	

EXAMINER	<i>Joseph D. Dwyer</i>	DATE CONSIDERED	<i>2-19-2006</i>
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